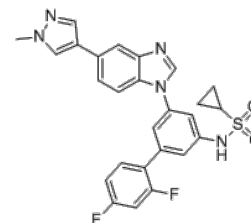


Product Name : ODM-203
Cat. No. : PC-35715
CAS No. : 1430723-35-5
Molecular Formula : C₂₆H₂₁F₂N₅O₂S
Molecular Weight : 505.544
Target : FGFR
Solubility : 100 mM in DMSO (50.5 mg/mL)



Biological Activity

ODM-203 (ODM203) is a potent, selective, dual inhibitor of **FGFR** and **VEGFR** tyrosine kinases with approximately equal potency towards recombinant FGFR1, 2, 3 and 4, as well as VEGFR1, 2 and 3 (IC₅₀=5-35 nM).

ODM-203 suppresses 9/317 additional kinases by >70% at 1 uM, 9 kinases suppressed by ODM-203 - DDR1, MAP4K4, MINK1, RET, PDGFRα and SIK2 (IC₅₀<100 nM).

ODM-203 is a potent inhibitor of FGFR signaling and proliferation in several FGFR-dependent cell lines; ODM-203 inhibits VEGFR-induced tube formation (IC₅₀ 33 nM) with similar potency as it inhibits proliferation in FGFR-dependent cell lines (IC₅₀ 50-150 nM).

ODM-203 inhibits FGFR phosphorylation and tumor growth in several FGFR-dependent xenografts.

References

Holmström TH, et al. *Mol Cancer Ther.* 2018 Oct 9. pii: molcanther.0204.2018.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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